

## Terminal Tractor: Projects replacing a non-road terminal tractor 7-Year Activity Life

Use the Column corresponding to the Horsepower Range and Emissions Model Year of the engine being replaced

Use the Row corresponding to the Certified NO<sub>x</sub> Emissions Standard or Family Emissions Limit (FEL) of the replacement engine (if between the numbers listed, use the higher rate).

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - Horsepower Range and Emissions Model Year												
	25 - 49				50 - 74				75 - 99				
	pre-1998	1999 - 2003	2004 - 2012	2013 - 2016	pre-1997	1998 - 2003	2004 - 2007	2008 - 2016	pre-1997	1998 - 2003	2004 - 2007	2008 - 2012	2013 - 2016
5.320	\$4,874				\$15,119				\$21,215				
4.655	\$6,598	\$5,419			\$18,008	\$9,753			\$25,269	\$13,686			
4.560	\$6,845	\$5,665			\$18,421	\$10,166			\$25,848	\$14,265			
3.325	\$10,047	\$8,867	\$5,172		\$23,786	\$15,531	\$8,667		\$33,377	\$21,794	\$12,162		
2.850	\$11,278	\$10,098	\$6,404		\$25,850	\$17,595	\$10,731		\$36,273	\$24,690	\$15,058		
2.500	\$12,186	\$11,006	\$7,311		\$27,370	\$19,116	\$12,251		\$38,406	\$26,824	\$17,191		
2.000	\$13,482	\$12,302	\$8,608	\$3,435	\$29,542	\$21,288	\$14,424	\$5,756	\$41,455	\$29,872	\$20,240	\$8,078	
1.500	\$14,778	\$13,599	\$9,904	\$4,732	\$31,715	\$23,460	\$16,596	\$7,929	\$44,503	\$32,920	\$23,288	\$11,126	
1.000	\$16,075	\$14,895	\$11,200	\$6,028	\$33,887	\$25,632	\$18,768	\$10,101	\$47,551	\$35,968	\$26,336	\$14,174	
0.300	\$17,889	\$16,710	\$13,015	\$7,843	\$36,928	\$28,673	\$21,809	\$13,142	\$51,818	\$40,235	\$30,603	\$18,441	
0.200	\$18,149	\$16,969	\$13,274	\$8,102	\$37,362	\$29,108	\$22,244	\$13,576	\$52,428	\$40,845	\$31,213	\$19,051	\$610
0.000	\$18,667	\$17,488	\$13,793	\$8,621	\$38,231	\$29,977	\$23,113	\$14,445	\$53,647	\$42,064	\$32,432	\$20,270	\$1,829

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - Horsepower Range and Emissions Model Year														
	pre-1996					pre-1995					pre-1995				
	pre-1997	1997 - 2002	2003 - 2006	2007 - 2011	2012 - 2016	pre-1996	1996 - 2002	2003 - 2005	2006 - 2010	2011 - 2016	pre-1996	1996 - 2000	2001 - 2005	2006 - 2010	2011 - 2016
6.900	\$24,960					\$39,857					\$81,893				
6.745	\$26,448					\$42,431					\$86,775				
5.320	\$40,127					\$66,096					\$131,659				
4.655	\$46,511	\$21,552				\$77,140	\$37,283				\$152,605	\$70,712			
4.560	\$47,423	\$22,464				\$78,717	\$38,861				\$155,597	\$73,704			
3.325	\$59,279	\$34,320	\$12,768			\$99,227	\$59,370	\$22,087			\$194,496	\$112,603	\$38,899		
2.850	\$63,839	\$38,879	\$17,328			\$107,116	\$67,259	\$29,976			\$209,457	\$127,564	\$53,860		
2.500	\$67,199	\$42,239	\$20,688			\$112,928	\$73,071	\$35,788			\$220,481	\$138,588	\$64,885		
2.000	\$71,999	\$47,039	\$25,488	\$8,160		\$121,232	\$81,375	\$44,092	\$14,116		\$236,230	\$154,337	\$80,633	\$26,773	
1.500	\$76,799	\$51,839	\$30,288	\$12,960		\$129,535	\$89,678	\$52,395	\$22,420		\$251,979	\$170,086	\$96,382	\$42,521	
1.000	\$81,599	\$56,639	\$35,087	\$17,760		\$137,839	\$97,982	\$60,699	\$30,723		\$267,727	\$185,834	\$112,131	\$58,270	
0.300	\$88,319	\$63,359	\$41,807	\$24,480		\$149,464	\$109,607	\$72,324	\$42,348		\$289,776	\$207,883	\$134,179	\$80,318	
0.200	\$89,279	\$64,319	\$42,767	\$25,440	\$960	\$151,124	\$111,267	\$73,984	\$44,009	\$1,661	\$292,925	\$211,032	\$137,328	\$83,468	\$3,150
0.000	\$91,199	\$66,239	\$44,687	\$27,360	\$2,880	\$154,446	\$114,589	\$77,306	\$47,330	\$4,982	\$299,225	\$217,332	\$143,628	\$89,767	\$9,449

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	pre-1995				
	600 - 749				
	pre-1996	1996 - 2001	2002 - 2005	2006 - 2010	2011 - 2016
7.200	\$118,159				
6.900	\$132,338				
6.745	\$139,664				
5.320	\$207,014				
4.655	\$238,445	\$106,107			
4.560	\$242,935	\$110,597			
3.325	\$301,305	\$168,967	\$58,370		
2.850	\$323,755	\$191,417	\$80,821		
2.500	\$340,298	\$207,960	\$97,363		
2.000	\$363,929	\$231,591	\$120,995	\$40,174	
1.500	\$387,561	\$255,223	\$144,626	\$63,806	
1.000	\$411,193	\$278,855	\$168,258	\$87,438	
0.300	\$444,277	\$311,939	\$201,343	\$120,522	
0.200	\$449,004	\$316,666	\$206,069	\$125,248	\$4,726
0.000	\$458,456	\$326,118	\$215,522	\$134,701	\$14,179